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भाग 1 सामान्य

Indian Standard

CRANES — INFORMATION TO BE PROVIDED

PART 1 GENERAL

UDC 621·873

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

May 1993 **Price Group 1**

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 9374-1 : 1989 'Cranes — Information to be provided — Part 1 : General' issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendations of the Cranes, Lifting Chains and Its Related Equipment Sectional Committee and approval of the Heavy Mechanical Engineering Division Council.

This standard is being published in five parts. Other parts of this standard are as follows:

Part 2 Mobile cranes

Part 3 Tower cranes

Part 4 Jib cranes

Part 5 Overhead travelling cranes and portal bridge cranes

The text of ISO Standard has been approved for publication as Indian Standard without deviations. Certain terminology and conventions are however not identical to those used in Indian Standards. Accordingly wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.

The concerned technical committee has reviewed the provisions of ISO 4301-1 : 1986 and ISO 7363 : 1986 referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard.

Indian Standard

CRANES — INFORMATION TO BE PROVIDED

PART 1 GENREAL

1 Scope

This part of ISO 9374 specifies generally the information to be provided by the purchaser and the manufacturer so that the most suitable crane can be provided for the duty requirements and service conditions.

2 Normative references

The following standards contain provisions which through reference in this text, constitute provisions of this part of ISO 9374. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 9374 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4301-1 : 1986, *Cranes and lifting appliances — Classification — Part 1 : General.*

ISO 7363 : 1986, *Cranes and lifting appliances — Technical characteristics and acceptance documents.*

3 Information to be provided by purchaser with enquiry or order

The information to be provided by the purchaser shall include, as appropriate for the type of crane concerned:

a) the identity of the parties concerned with addresses, telephone numbers and persons who may be contacted;

b) sufficient information to enable the classification of the crane as a whole and for each mechanism to be established in accordance with ISO 4301-1;

c) details of where the crane is to be used or installed with details of any special or hazardous conditions that may apply;

d) details of load(s) to be lifted and lifting attachment(s), jib or tower configurations, operating speeds and height of lift and any other operating requirements that come within the variations that are obtainable for the type of crane concerned;

e) any dimensional or clearance restrictions; and

f) any other special requirements of the purchaser.

4 Information to be provided by manufacturer

The information to be provided by the manufacturer shall include, as appropriate for the type of crane concerned:

a) technical information and test certificates for the crane to facilitate its installation and/or use in accordance with ISO 7363;

b) an instruction manual which shall include details of routine servicing, inspection and maintenance of the crane; and

c) dimensions, masses and any other details.

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Doc : No. HMD 14 (0105)

Amendments Issued Since Publication

Amend No.	Date of Issue	Text Affected

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Printed at Printwell Printers, Aligarh, India